



1D



Dual Interface



IP54



CCD

Warranty
2 Years**FM100**

Stationary Scanners

Features

Ease of integration.

Compact and easy to integrate design. The small form factor enables easy integration into various solutions. This 1D fixed barcode scanner has an IP54 rating making it dust & water resistant.

Advance Technology.

Includes core-technology, which is independently designed and manufactured by Newland Auto-ID. Technology includes the optical, CMOS, digitizer, decoder, image processing & embedded systems. The scanner supports all global standard 1D

barcode symbologies. Its reading performance reaches and exceeds global standards. By using the accessories provided, the user can easily set up the scanner to their customer's environment.

Application scenarios.

Designed for OEM applications, this high performance fixed CCD scan engine can easily be integrated into various solutions such as kiosks, ticketing machines, (Reverse) Vending Machines and many more.

Suggested industries



Entertainment



Hospitality



Industrial

FM100 Technical specifications

Data Capture

1D	All major 1D symbologies, including Code128, EAN-13, EAN-8, Code39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ISBN/ISSN, Code 93, UCC/EAN-128, GS1 Databar.
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Image Sensor	CCD 2500
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Illumination	Red LED (622 nm - 628 nm)
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Scan Modes	Interval Mode, Sensor Mode, Continuous Mode, Delayed Sensor Mode, Command Triggered Mode
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Scan Rate	300 scans per second
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Performance

Minimal Print Contrast	30%
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Scan Angle Roll	±30°
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Scan Angle Pitch	±65°
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Scan Angle Skew	±60°
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Field of View Horizontal	40°
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Physical

Dimensions (mm)	49.0 *37.0 * 26.0 mm
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Weight	70g
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Material	ABS
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Interfaces	RS-232, USB
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Notifications	Beep, LED indicator
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Input Voltage	5VDC ± 5%
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Current @ 5VDC Operating	163mA
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Current @ 5VDC Standby	65mA
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Power Supply Input	DC5V, 1.5A
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Power Supply Output	AC100~240V, 50~60Hz
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Environmental

Ambient Light	0 ~ 100,000 LUX
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Operating Temperature	-5°C to 45°C
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Storage Temperature	-40°C to 60°C
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Humidity	5%~95% (non-condensing)
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IP Rating	IP54
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Certifications

Hardware	FCC Part15 Class B, CE EMC Class B, KC
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Warranty

Standard	2 years
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Feel free to contact us or a partner near you

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Specifications are subject to change without notice

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